This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-28. (Canceled)

29. (Currently Amended) A grid canvas, comprising

    a canvas;

    ~~a~~ gridlines that define rows and columns on the canvas such that an intersection of the rows and columns form multiple cells on the canvas, wherein each of the gridlines are configured separately with respective sizing information, and wherein the gridlines ~~is one of a plurality of~~ are components on the canvas;

    a user-interface element that spans the multiple cells on the canvas, wherein the user-interface element is ~~one of the plurality of~~ a components on the canvas;~~[[,]]~~

    a bounding box of at least four gridlines that form the multiple cells that the user-interface element spans,

    wherein a relationship between the user-interface element and the bounding box is defined by four margins, each margin respectively defining a distance between the user-interface element and one of the at least four gridlines of the bounding box, wherein the user-interface element is attached within the bounding box based on the relationship between the user-interface element and the bounding box,

    wherein a margin is any of a fixed, auto, percentage, or weighted value,

    ~~and wherein a property set for the gridline defines a relationship of the gridline to the user-interface element on the canvas, a layout of the user-interface element on the canvas is determined by the property set for the gridline,~~

    wherein, if a modification is made to any of the components on the canvas, the relationship ~~is maintained between the gridlines and the user-interface element~~ between user-interface element and the bounding box is maintained in accordance with the value of each of the four margins, and

    wherein the relationship between the user-interface element and the bounding box is bi-directional such that the components are redefined to reflect both the modification and the relationship between the user-interface element and the bounding box, the user-interface element remaining attached accordingly within the bounding box.

30. (Currently Amended) The grid canvas according to claim 29, wherein ~~the~~ a gridline is defined by at least one of:

    a row;

    a column; or

    at least one row and at least one column.

31. (Previously presented) The grid canvas according to claim 30, wherein the row or the column are, respectively, a virtual row or virtual column.

32. (Currently Amended) The grid canvas according to claim 29, further comprising a second gridline bounding box that includes ~~the~~ a second user-interface element that scans the same or at least a portion of the multiple cells.

33. (Currently Amended) The grid canvas according to claim 29 ~~32~~, wherein the ~~gridline~~ bounding box comprises a plurality of rows and columns that contain the user-interface element.

34. (Canceled) ~~The grid canvas according to claim 32, further comprising margin settings within the gridline bounding box for providing desired offsets to the user-interface element.~~

35. (Previously presented) The grid canvas according to claim 29, wherein a gridline defines a border of the canvas.

36. (Previously presented) The grid canvas according to claim 29, wherein the relationship of the gridline to the user-interface element on the canvas is defined as an explicit value.

37. (Previously presented) The grid canvas according to claim 29, wherein the relationship of the gridline to the user-interface element on the canvas is defined as an auto value.

38. (Previously presented) A method for creating a grid canvas, comprising:

identifying a canvas;

defining a virtual gridline on the canvas, wherein the virtual gridline is one of a plurality of components on the canvas;

identifying a user-interface element that spans multiple cells on the canvas, wherein the user-interface element is one of the plurality of components on the canvas and may be placed on the canvas at least one of:

before the virtual gridline is defined, or

after the virtual gridline is defined;

identifying a property set for the virtual gridline, wherein the property defines a relationship of the virtual gridline to the user-interface element on the canvas;

changing a property-of at least one of: the canvas, or the at least one of the plurality of components on the canvas;

determining a layout of the user-interface element on the canvas, wherein the layout of the user-interface element is determined by the property set for the gridline;

maintaining the relationship of the virtual gridline to the user-interface element on the canvas, wherein the relationship is bi-directional, and:

resizing the user-interface element will move the gridline, and

moving the gridline will resize the user-interface element.

39. (Previously presented) The method according to claim 38, wherein the step of identifying a relationship of the virtual gridline to the user-interface element on the canvas is repeated for a plurality of virtual gridlines and a plurality of user-interface elements.

40. (Previously presented) The method according to claim 38, further comprising adding a virtual gridline dynamically to the canvas.

41. (Previously presented) The method according to claim 38, further comprising:

overlaying a grid on the canvas, wherein the grid comprises a plurality of virtual gridlines;

identifying a relationship of at least one of the plurality of virtual gridlines to at least one of the plurality of components on the canvas.

42. (Previously presented) The method according to claim 38, further comprising adding a component on the grid.

43. (Previously presented) The method according to claim 38, further comprising:

placing the virtual gridline on the canvas according to a predetermined relationship of the virtual gridline to at least one of the plurality of components on the canvas.

44. (Previously presented) The method according to claim 38, further comprising

placing the virtual gridline on the canvas;

identifying a relationship of the virtual gridline to at least one of the plurality of components on the canvas according to the placement of the virtual gridline on the canvas;

45. (Previously presented) The method according to claim 38, further comprising

adding a component to the canvas;

maintaining the relationship of the virtual gridline to the element on the canvas.

46. (Previously presented) The method according to claim 38, wherein the virtual gridline is defined by a plurality of rows and columns that define a plurality of virtual cells, and at least one of the plurality of components spans a plurality of the virtual cells.

47. (Previously presented) The method of claim 46, further comprising adding a component to the canvas, wherein the added component inhabits at least one of the same cells of the plurality of virtual cells inhabited by the at least one of the plurality of components.

48. (Previously presented) The method of claim 38, further comprising determining a virtual gridline bounding box for the element.